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| **Incident Name:**SRF Lightning Complex(CA-SRF-986) | **IR Interpreter(s):**Jennifer Frazer (Q)Jennifer.frazer@usda.gov& Melanie Hans | **Local Dispatch Phone:**CA NCIC (707-441-3644) | **Interpreted Size:** 17,652 IR Acres **Growth last period:** 925 IR Acres\*Not Offical Incident Acres |
| **Flight Time:**0014 - 0159 PDT**Flight Date:**09/04/2023 | **Interpreter(s) location:**White Sulphur Springs, MT**Interpreter(s) Phone:**(cell/text) 203-695-1207 | **GACC IR Liaison:**Kyle Felker**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Kat Sorenson**National Coord. Phone:**406.499.2701 |
| **Ordered By:**Joshua Bivans (SITL) | **A Number:**A-107 | **Aircraft/Scanner System:**N350SM/Tenax | **Pilots/Techs:**/ Wren |
| **IRIN Comments on imagery:**Clear, orthorectification issues on several scans, most likely from clouds in the imagery.  | **Weather at time of flight:**Some Scans cloudy, see notes below. | **Flight Objective:**Heat Perimeter Detection /Categorizing Heat Intensity  |
| **Date and Time Imagery Received by Interpreter:**09/04/2023 @ 0200-0330 PDT | **Type of media for final product:**Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log**Digital files sent to:** NIFS and ftp.wildfire.gov/public/ incident\_specific\_data/calif\_n/!2023\_Federal\_Incidents/CA-SRF-986\_SRF\_Lightning\_Complex/IR/NIROPS |
| **Date and Time Products Delivered to Incident:**09/04/2023 @ 0530PDT NIFS (maps and nifs, except bluff and mosquito), 0610 everything in nifs/ftp maps complete, 0645 log/data |
| **Comments /notes on tonight’s mission and this interpretation:**Started tonight’s interpretation with the NIFS Event polygon @2400.

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| **Fire Name** | **Time of Imagery Capture** | **General Heat Interpretation****Description** | **Acres (in NIFS)** | **Interpreted****Acres** | **Growth in Acres** |
| Big Foot |  PDT | **NO HEAT observed** | 0.8 | 0.8 | 0 |
| Big Hill #2 |  | UTF Due to Weather | 100  | 100 | 0  |
| Blue Creek |  | **Not in Scan Order** |  0.1  | 0.1 |  0  |
| Blue Creek 2 | 2127 PDT |  Growth observed | 2,899 | 2,986 | 87 |
| Bluff #1 | 2137 PDT |  Growth observed. |  1,993  | 2,033 | 40 |
| Bridge Ridge | 2103 PDT | UTF Due to Weather |  17  | 17 | 0 |
| Copper | 2127 PDT | Growth observed. | 620 | 792 | 172 |
| Creek |  | **Not in Scan Order** |  8  | 8 | 8 |
| Devil | 2103 PDT | UTF Due to Weather |  12  | 12 | 0 |
| Flat |  | **Not in Scan Order** |  2  | 2 | 0 |
| Glen |  | **Not in Scan Order** |  0.5  |  0.5  |  0  |
| Iron | 2209 PDT | 1 heat source |  20  | 20 | 0 |
| Let er-Buck | 2219 PDT | Active, No Growth Observed | 74  | 74 | 0 |
| Lone Pine | 2134 PDT | UTF Due to Weather |  1,685  | 1,685 | 0 |
| Lost | 2100 PDT | UTF Due to Weather |  722  |  722  | 0  |
| MARLOW | 2131 PDT | Growth E and S Flank |  1,491 | 1,540 | 49 |
| Merrill |  | **Not in Scan Order** |  2  |  2  |  0  |
| Monument |  | **Not in Scan Order**  |  2  |  2  |  0  |
| Mosquito | 2127 PDT | Growth observed. |  2,447  | 2,557 | 110 |
| Pearch | 2202 PDT | Growth observed. | 4,632 | 5,099 | 467 |
| **TOTALS** |  |  | **16,727** | **17,652** | **925** |

**FOG seen in drainage bottom, some images and parts of them had haze and patches of clouds.****All heat representative of what was seen in the images. It is very possible that not all isolated heats within and outside the perimeter where apparent in the images.**May had orthorectification issues which were mitigated by interpreters.**Blue Creek 2 / Marlow / Copper** Fog in the drainage bottoms observed, dulling heat signature between Marlow and Blue Creek 2. Marlow and Blue Creek 2 are a little less that 0.4 mile apart. Copper Heat perimeter as continued to pace moved farther down and up copper creek. It is 0.3 mile from Blue Creek 2.**Bluff #1** Long finger of heat following the road on the west curving down had connected with the long line to heat along a road to the SW. Heat mapped on the southeast has stopped on the road. **Iron**  1 Heat Source inside heat perimeter.**Let er-Buck** Heat was seen through the clouds. Heat mapped as seen.**Mosquito** Small growth on all sides. Isolated heat perimeter on south had not advanced furth south, nor crested the top of the butte. **Pearch** Growth only on east, north and western flanks. Few isolated heats mapped on east flank. |

**SCAN BOXES NOTES**

NIFS Feature Service has outlines of the area scanned. This may help the SITL verify new reports which come in and if they will be covered in existing scans.

*Last night of shift for Jennifer Frazer and Melanie Hans. It was a pleasure to serve you.*